

Supplementary Table 3. Nucleotide and amino acid identities between the novel bat gammaherpesviruses identified and other gammaherpesviruses on the basis of *DNA polymerase* partial gene sequences.

	DrotGHV1		DrotGHV2		DrotGHV3		DyouGHV1		AgeoGHV1		% identity with CperGHV1		CperGHV2		AplaGHV1		SangGHV1		McoiGHV1		MmoiGHV1	
	nct	aa	nct	aa	nct	aa	nct	aa	nct	aa	nct	aa	nct	aa	nct	aa	nct	aa	nct	aa	nct	aa
	DrotGHV1 (Phyllostomidae)	99.6 - 100.0	100.0	49.0 - 49.4	43.2	54.7 - 55.1	58.0	71.0	82.7	60.0	55.6	60.4	61.7	62.0	66.7	52.7	53.1	59.2	60.5	56.7	58.0	56.7
DrotGHV2 (Phyllostomidae)	49.0 - 49.4	43.2	100.0	100.0	52.7 - 53.1	49.4	48.6	48.1	53.5	46.9	54.3	49.4	55.2	48.1	58.8	50.6	53.1	46.9	55.1	49.4	54.7	49.4
DrotGHV3 (Phyllostomidae)	54.7 - 55.1	58.0	52.7 - 53.1	49.4	99.2 - 100.0	97.5 - 100.0	58.4 - 58.8	56.8	73.5 - 73.9	74.1 - 75.3	69.8 - 70.6	75.3 - 76.5	59.2	63.0 - 64.2	70.2 - 70.6	70.4 - 71.6	66.1 - 66.5	76.5	65.7 - 66.1	70.4	66.9 - 67.3	70.4
DyouGHV1 (Phyllostomidae)	71.0	82.7	48.6	48.1	58.4 - 58.8	56.8	100.0	100.0	55.1	53.1	57.1	56.8	61.0	63.0	56.3	51.9	58.0	56.8	58.4	58.0	58.8	58.0
AgeoGHV1 (Phyllostomidae)	60.0	55.6	53.5	46.9	73.5 - 73.9	74.1 - 75.3	55.1	53.1	100.0	100.0	73.1	76.5	62.0	64.2	70.6	72.8	68.6	72.8	63.7	66.7	63.7	66.7
CperGHV1 (Phyllostomidae)	60.4	61.7	54.3	49.4	69.8 - 70.6	75.3 - 76.5	57.1	56.8	73.1	76.5	100.0	100.0	62.9	64.2	71.0	75.3	68.2	76.5	69.8	71.6	68.6	71.6
CperGHV2 (Phyllostomidae)	62.0	66.7	55.2	48.1	59.2	63.0 - 64.2	61.0	63.0	62.0	64.2	62.9	64.2	100.0	100.0	62.9	60.5	61.2	64.2	62.4	61.7	62.0	61.7
AplaGHV1 (Phyllostomidae)	52.7	53.1	58.8	50.6	70.2 - 70.6	70.4 - 71.6	56.3	51.9	70.6	72.8	71.0	75.3	62.9	60.5	100.0	100.0	75.9	81.5	65.7	69.1	63.7	66.7
SangGHV1 (Phyllostomidae)	59.2	60.5	53.1	46.9	66.1 - 66.5	76.5	58.0	56.8	68.6	72.8	68.2	76.5	61.2	64.2	75.9	81.5	100.0	100.0	63.3	66.7	60.8	66.7
McoiGHV1 (Molossidae)	56.7	58.0	55.1	49.4	65.7 - 66.1	70.4	58.4	58.0	63.7	66.7	69.8	71.6	62.4	61.7	65.7	69.1	63.3	66.7	100.0	100.0	95.5	97.5
MmoiGHV1 (Molossidae)	56.7	58.0	54.7	49.4	66.9 - 67.3	70.4	58.8	58.0	63.7	66.7	68.6	71.6	62.0	61.7	63.7	66.7	60.8	66.7	95.5	97.5	-	-
<i>gammaherpesvirus</i> of																						
Phyllostomidae	72.2	85.2	49.4	46.9	53.9 - 54.3	58.0	86.9	91.4	58.0	53.1	57.6	59.3	63.7	63.0	54.7	51.9	58.0	59.3	57.6	56.8	57.1	56.8
Pteropodidae	47.3 - 55.5	51.9 - 60.5	52.7 - 53.9	43.2 - 50.6	57.6 - 62.4	50.6 - 63.0	51.8 - 58.8	50.6 - 59.3	55.9 - 62.4	59.3 - 66.7	51.0 - 63.7	56.8 - 67.9	55.1 - 60.4	58.0 - 65.4	55.9 - 61.2	54.3 - 64.2	52.2 - 61.2	55.6 - 64.2	50.6 - 58.4	54.3 - 61.7	50.2 - 58.8	51.9 - 59.3
Hipposideridae	49.4 - 49.8	46.9	47.3	43.2	54.7 - 55.5	49.4 - 50.6	49.8	48.1	54.3	50.6	52.2	48.1	47.8	48.1	53.5	48.1	53.9	50.6	52.7	51.9	53.1	54.3
Rhinolophidae	55.5	59.3	49.8	45.7	58.4	60.5 - 61.7	60.4	60.5	62.9	65.4	59.2	58.0	60.0	63.0	60.4	55.6	58.8	58.0	60.4	61.7	59.6	59.3
Vespertilionidae	44.1 - 60.0	46.9 - 61.7	49.0 - 58.4	40.7 - 53.1	57.6 - 64.9	53.1 - 64.2	51.8 - 60.8	45.7 - 63.0	57.6 - 63.3	54.3 - 67.9	54.7 - 66.9	55.6 - 69.1	48.6 - 59.6	46.9 - 63.0	53.1 - 62.9	51.9 - 65.4	54.3 - 64.5	51.9 - 65.4	51.4 - 62.9	49.4 - 66.7	51.8 - 62.9	48.1 - 69.1
Miniopteridae	53.9	54.3	54.3	51.9	59.2 - 59.6	58.0 - 59.3	53.1	54.3	59.2	59.3	63.3	58.0	55.5	59.3	55.1	53.1	58.4	55.6	61.6	56.8	60.0	56.8
Molossidae	55.9	51.9	56.7	53.1	61.2 - 62.0	54.3 - 56.8	52.7	50.6	57.6	50.6	58.0	54.3	57.1	54.3	58.4	46.9	56.7	54.3	57.1	51.9	57.6	51.9
<i>gammaherpesvirus</i> genera																						
<i>Lymphocytovirus</i>	43.3 - 46.5	37.0 - 43.2	50.6 - 53.1	45.7 - 46.9	51.4 - 58.4	44.4 - 55.6	48.2 - 51.8	38.3 - 46.9	55.9 - 58.0	45.7 - 54.3	48.6 - 51.8	46.9 - 51.9	47.3 - 49.4	44.4 - 45.7	53.9 - 56.3	45.7 - 49.4	51.0 - 53.5	46.9 - 50.6	47.3 - 51.0	40.7 - 46.9	47.3 - 50.2	43.2 - 49.4
<i>Macavirus</i>	42.0 - 55.9	42.0 - 51.9	50.2 - 55.9	45.7 - 51.9	58.4 - 66.9	56.8 - 67.9	49.8 - 55.1	45.7 - 51.9	57.1 - 66.1	54.3 - 64.2	50.6 - 61.6	48.1 - 63.0	47.3 - 57.1	45.7 - 58.0	58.0 - 67.3	54.3 - 64.2	57.6 - 64.5	50.6 - 61.7	52.7 - 64.5	51.9 - 63.0	52.7 - 65.3	49.4 - 64.2
<i>Rhadinovirus</i>	43.7 - 62.0	40.7 - 63.0	42.9 - 56.3	39.5 - 54.3	52.7 - 64.9	50.6 - 67.9	51.4 - 62.9	43.2 - 61.7	50.6 - 65.7	49.4 - 66.7	47.8 - 69.4	45.7 - 67.9	51.8 - 65.3	46.9 - 69.1	52.2 - 68.6	46.9 - 67.9	50.6 - 64.5	48.1 - 65.4	48.6 - 64.1	45.7 - 66.7	48.2 - 62.9	46.9 - 64.2
<i>Percavirus</i>	48.6 - 56.7	51.9 - 63.0	47.0 - 53.9	35.8 - 46.9	60.0 - 65.7	59.3 - 65.4	54.7 - 58.4	50.6 - 60.5	58.0 - 63.3	54.3 - 64.2	56.7 - 62.9	53.1 - 64.2	54.3 - 60.0	55.6 - 63.0	57.6 - 62.4	53.1 - 59.3	57.6 - 61.2	54.3 - 61.7	53.9 - 61.2	56.8 - 61.7	53.5 - 60.4	54.3 - 60.5
<i>unclassified gammaherpesvirus</i>																						
<i>Elephas maximus</i> gammaherpesvirus 1	51.4	46.9	46.9	39.5	53.5 - 54.3	42.0	53.1	45.7	55.9	44.4	57.1	49.4	53.5	45.7	55.5	50.6	58.4	50.6	52.2	45.7	50.6	43.2
<i>Procyon capensis</i> gammaherpesvirus 2	50.2	54.3	49.8	46.9	60.8 - 61.6	63.0 - 64.2	58.0	58.0	60.0	60.5	55.9	59.3	55.9	60.5	62.9	59.3	60.8	66.7	58.4	60.5	58.0	59.3
<i>Sorex araneus</i> gammaherpesvirus 1	47.3 - 47.8	45.7	44.1	37.0	46.5	46.9 - 48.1	50.2	44.4	47.8	42.0	47.3	44.4	49.8	48.1	50.6	43.2	51.8	46.9	46.1	46.9	45.3	44.4
<i>Tupaia belangeri</i> gammaherpesvirus 1	58.4	56.8	53.2	46.9	62.9 - 63.3	64.2 - 65.4	54.7	56.8	64.5	58.0	60.4	61.7	59.2	60.5	63.7	58.0	60.0	58.0	58.4	61.7	57.1	59.3

In bold are indicated the lowest and highest values of nucleotide and amino acid identities between the newly identified viruses, with the other viruses of the different bat families or depending on the virus genera for the non-bat viruses.